COST EVALUATION OF PESTICIDE AGAINST MAJOR PEST COMPLEX OF PADDY CROP IN JANJGIR-CHAMPA DISTRICT OF CHHATTISGARH

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Abstract: The study was conducted at the prone area of different villages in Janjgir-Champadistrictof Chhattisgarh. During 2009&2010, On basis of overall the average cost of pesticides evaluated against major pest complex of paddy was ranged from Rs 50.56 to 748.42during 2009. Whereas, during 2010, the average cost of pesticides was ranged from Rs. 00.00 to 994.15 with the cost of share was 00.00 to 40.72 percent. Pooled pesticide cost of major pest complex was ranged from Rs. 00.00 to 871.28. The maximum cost (Rs. 871.28) was recorded against SB followed by HC (Rs.579.24) and minimum (Rs. 00.00) in GB with the cost of share was 39.29, 26.12 and 0.00 percent, respectively. Descending order of the average pesticide cost of major pest complexin paddy crop can be ranked as GM<GB<O<CW<HC<SB.On the basis of information collected from the contact farmer through personal interview, some possible reasons comes out which may be the maximum respondents invested cost against SB followed by HC on paddy cultivation which causesmajor problems in that area and occurring every season which causing a perceptible damage to rice.

Keywords: Paddy cultivation, Pesticides, Cost and return, Plant protection cost, Pest complex of paddy return

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